

26517 to 26535—Continued.

26525 to 26531. Grown from S. P. I. No. 23178.

26525. "Tubers medium small, round, uneven; eyes deep, numerous; color deep violet."

26526. "Tubers $\frac{1}{2}$ to 2 ounces in weight; shape round to oblong, flattened, variable, uneven; eyes many, deep; color varying from flesh to light violet."

26527. "Tubers ovoid, uneven, smooth; eyes numerous, deep; color purple, yellowish around eyes."

26528. "Tubers round to ovoid, variable and uneven; skin rough; eyes numerous, medium; color yellowish white."

26529. "Tubers large, elongated, cylindrical, uneven; eyes many and deep; color yellowish with small patches of violet."

26530. "Tubers small to medium; shape round to ovoid; uneven, knobby; eyes numerous, shallow; color mottled violet and yellow."

26531. "Medium-small tubers; shape ovoid, flattened, uneven; eyes numerous, deep; skin rough; color yellowish, mottled with violet."

26532 and 26533. Grown from S. P. I. No. 23185.

26532. "Tubers small to medium; oblong, variable; eyes numerous and variable; color violet."

26533. "Tubers round, inclined to be flattened at each end; uneven; eyes few, variable."

26534 and 26535. Grown from S. P. I. No. 23194.

26534. "Tubers small, ovoid to oblong, pointed at bud end, uniform; smooth; eyes numerous, medium depth; flesh-colored."

26535. "Tubers small; shape variable, ovoid, flattened; skin smooth; eyes few, shallow; light yellow mottled with violet."

26536. MEDICAGO SATIVA L.**Alfalfa.**

Presented by Mr. D. S. Elder, El Centro, Imperial Co., Cal., through Mr. Charles J. Brand. Received December, 1909.

"This alfalfa is ordinary American alfalfa and was grown 3 miles west of Brawley in the Imperial Valley of California from seed secured by Mr. Elder from his brother in Wyoming. It was grown in a loose, sandy soil on a field which was without water from April, 1906, until May, 1908. The ditch which supplied this field was dry during this period on account of the Colorado River breaking through its banks and flowing into the Salton Sea. No records of rainfall are available for Brawley, but it is estimated that the precipitation for the two years was about 2 inches each. Part of this alfalfa was cut and part pastured during the time that it was without water. The present sample should be of use in selections for drought resistance." (*Brand.*)

26537 to 26539. MEDICAGO SATIVA L.**Alfalfa.**

From Sacaton, Ariz. Grown under the supervision of Mr. Charles J. Brand on the Testing and Demonstration Garden in cooperation with the Office of Indian Affairs and received through Mr. William L. Flanery, January, 1910.

Seeds of the following; notes by Mr. Brand:

26537. "Mixed seed from a plat in which over 100 regional strains of alfalfa are being grown, intended for use in mass selection work."

26538. "First crop of Peruvian alfalfa, grown in hills 2 $\frac{1}{2}$ feet apart, rows 3 feet apart. It yielded at the rate of about 6 bushels per acre. The seed plat received only one irrigation up to the time of cutting the first crop."